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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/658,893 | 09/10/2003 | Hisayuki Kanki | P1246US | 3190 |
| 1218 | 7590 | 10/27/2005 | EXAMINER | |
| CASELLA & HESPOS 274 MADISON AVENUE NEW YORK, NY 10016 | | | WASHBURN, DOUGLAS N | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2863 | |

DATE MAILED: 10/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|---------------------|--------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/658,893 | KANKI ET AL. | |
| | Examiner | Art Unit | |
| | Douglas N. Washburn | 2863 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 3,4 and 6-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 3,4,6-13,19 and 20 is/are allowed.
- 6) ☒ Claim(s) 14-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1 The following is a quotation of 35 U.S.C. 102(b) which forms the basis for all obviousness rejections set forth in this Office action:

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 14-18 rejected under 35 U.S.C. 102(b) as being anticipated by Tazumi et al. (US 6,392,537) (Hereafter referred to as Tazumi).

Tazumi teaches:

A door operating mechanism (door system; column 5, lines 56-59; figure 1, element 2A) having a motor (column 5, lines 56-59; figure 1, element 6) for opening and closing a door in regard to claim 14;

A sensor (sensor; column 5, lines 60-62; figure 1, element 10) for detecting presence of an object in regard to claim 14;

A controller (CPU; column 6, lines 5-8; figure 2, element 14) for driving a motor of a door operating mechanism based on a signal outputted from a sensor (column 6, lines 12-16) to open and close the door in regard to claim 14;

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An operating information extractor (MPU; column 6, lines 24-30; figure 2, element 12) which extracts repeatedly at predetermined intervals, from a controller, operating information of the ADA sensor state information indicating a detected state of the sensor and door state information indicating an open/close control state of the door, the door state information being cooperatively associated with the sensor state information (column 6, lines 36-45) in regard to claim 14;

A memory device (RAM; column 6, lines 24-29; figure 2, element 18) which time-sequentially stores operating information repeatedly extracted by an extractor, the operating information being stored in an order of extracted time from a current time back for a predetermined period (column 6, lines 36-45) in regard to claim 14;

Operating information includes signal information which is communicable between a controller and an external apparatus electrically connected with the controller (column 7, lines 3-9) in regard to claim 15;

An ADA function of self-diagnosing malfunction or abnormality of the ADA, with a sensor or its equivalent while storing a result of the self-diagnosis in a memory, and an extractor is operative to extract the self-diagnosis result from the memory as the operating information for storing the self-diagnosis result in the memory device in time-series (column 6, lines 24-30) in regard to claim 16;

A monitor monitoring a malfunction (column 7 lines 3-9; figure 1, element 30) and an extractor extracts an operation history of the ADA from the controller for storage in the memory device (column 6, lines 24-30) in regard to claim 17;

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And an extractor extracts an altered designated value when the designated value set in the ADA is altered for storage in the memory device (column 9, lines 57-67) in regard to claim 18.

Allowable Subject Matter

2 Claims 3, 6, 10-13, 19 and 20 reasons for allowance were previously indicated in office action mailed 6 April 2005.

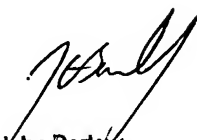
Conclusion

3 Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas N. Washburn whose telephone number is (571) 272-2284. The examiner can normally be reached on Monday through Thursday 6:30 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Barlow can be reached on (571) 272-2269. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DNW


John Barlow
Supervisory Patent Examiner
Technology Center 2800